



# WALWORTH®

Industrial de Válvulas, S.A. de C.V.  
Av. de la Industria Lote 16 Fracc. Industrial el Trébol  
Tepozotlán, Estado de México C.P. 54600

(NUMERO) NUMBER:

428/2004  
17/02/2004

(FECHA) DATE:

## QUALITY ASSURANCE (ASEGURAMIENTO DE CALIDAD) CERTIFICATE OF COMPLIANCE (CERTIFICADO DE CUMPLIMIENTO)

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED  
ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE  
OF THE FOLLOWING STANDARDS:

CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO  
DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS  
EN UNO O MAS DE LOS SIGUIENTES ESTANDARES

- ANSI B16.11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
- API 598 - VALVE INSPECTION AND TESTING
- ANSI B16.10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16.34 - VALVES - FLANGED, THREADED, AND WELDING ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES

PART. No.: 68028  
(CODIGO)

DESCRIPTION: 1" FIG. 950 SW UT A105, API TRIM No.8  
(DESCRIPCION) FORGED STEEL GATE VALVE (VALVULA COMPUERTA DE ACERO FORJADO)

VALVE WITH LOW EMISSION CONTROL

(VALVULA SUMINISTRADA CON CONTROL DE EMISIONES)  
(FUGITIVAS A 50 PPM'S MAX)

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	2970	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

INVOICE 46714 ITEM 5 QTY 39  
(FACTURA) (PARTIDA) (CANTIDAD)

### MECHANICAL TESTS (PROP MECANICAS)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)												TENS	YIELD	ELG	RED	BHN				
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	N	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG				
			BODY (CUERPO)	57588	A 105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.000	0.000							72.40	47.80
BODY (CUERPO)	57730	A105N	0.190	1.080	0.003	0.022	0.250	0.100	0.080	0.033	0.290	0.002							74.40	47.80	32.5	67.2	153
BODY (CUERPO)	58145	A 105	0.210	0.750	0.003	0.034	0.230	0.100	0.110	0.035	0.270	0.023							72.10	46.60	29.3	63.9	163
YOKE (YUGO)	57606	A 105N	0.190	0.870	0.007	0.028	0.250	0.120	0.090	0.028	0.250	0.021							80.60	56.30	30.4	62.7	156
YOKE (YUGO)	58101	A 105N	0.180	0.730	0.008	0.027	0.290	0.140	0.140	0.044	0.310	0.023							74.10	48.20	30.9	64.0	179

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD